

HIOKI 3554 BATTERY TESTER

BT11021

- HIOKI 3554 allows for fast, reliable, hands-on battery impedance without the need to disconnect the system.
- The HIOKI battery impedance tester sets the standard for assessing the deterioration and remaining life of a battery by giving a complete diagnosis via battery resistance testing.
- The specially designed pin type lead further improves testing efficiency with an L-shaped tip that allows the user to reach deep into the battery racks for an accurate terminal reading on hard to reach batteries.
- The hassle-free measurement process is extended to data management and processing using the bundled data management software.
- All 4800 sets of data can be uploaded to PC quickly and effortlessly via a USB cable and displayed neatly in table format.



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BATTERY TESTER SPECIFICATIONS



Specifications

Battery Types	VRLA, Alkaline, Ni-Cd, Li-Ion and Ni-MH
Resistance	Range: 3mΩ, 30mΩ, 300mΩ, 3Ω Resistance: 1uΩ, 10uΩ, 100uΩ, 1mΩ Accuracy: (±1.0% reading +8 digits) on all ranges
Current	Range: 150mA, 15mA, 1.5mA Frequency: 1KHz ±30Hz
DC Voltage	Range: 6V, 60V Resistance: 1mV, 10mV Accuracy: (±0.08% reading +6 digits)
DC Current	Range: 60A, 600A Resolution: 0.01A, 0.1A Accuracy: 60A (±2% rdg + 20 digits) 600A: (±2% rdg + 2 digits)
Open Circuit Voltage	5V max.
Comparator Sets	200 sets
Data Memory	4800 data sets
Comparator	Setting: first and second resistance limits, and lower voltage limit. Memory: 200 sets of values
Max. Input Voltage	60VDC
AC Adaptor	8x AA size 1.5V alkaline batteries
Battery Life	10 hours
Dimensions	790g including batteries, approx.
Weight	192(L) x 55(W) x 121(H)

Features

- Auto-hold and auto-data storage
- Enhanced resistance against noise
- Designed for fast testing of batteries, the HIOKI 3554 can measure and save data in as fast as 2 seconds saving time on site
- Instantaneous results allow the HIOKI 3554 user to diagnose battery degradation by measuring internal resistance and voltage
- Quickly download data to a PC via USB interface
- Three rank rating of battery state - pass, warning or fail
- 10 hours of continuous operation
- 4 different ways to save data: auto-memo, auto-hold, test and save, or auto-hold and auto-memo
- Built-in comparator for storing up to 200 sets of battery types
- USB interface software for downloading test results
- Four-terminal test probe allows simultaneous measurement of battery voltage and internal resistance
- The new robust protective casing on the HIOKI 3554 delivers a better ergonomic hold, extending durability in the field

Specifications subject to change without notice.